

Sample Date North	Silver std ug/m3	Arsenic std ug/m3	Barium std ug/m3
2/19/2014	0	0	0.014
2/22/2014	0	0	0.008
2/25/2014	0	0	0.012
2/28/2014	0	0	0.011

Cadmium std ug/m3	Chromium std ug/m3	Copper std ug/m3	Iron std ug/m3	Manganese std ug/m3
0	0.015	0.008	0.362	0.015
0	0.012	0.005	0.153	0.008
0	0.013	0.006	0.336	0.073
0	0.022	0.009	1.555	0.576

Nickel std ug/m3	Lead std ug/m3	Selenium std ug/m3	Vanadium std ug/m3	Zinc std ug/m3
0.004	0.005	0.002	0	0.089
0.001	0.001	0	0.001	0.015
0.003	0.003	0.001	0.001	0.02
0.012	0.005	0.002	0.002	0.053

Gravimetric PM10 Concentration std ug/m3

27.4

13.2

27

33.5

Elemental Carbon 1 std ug/m3

1.432

1.205

2.981

4.683

Elemental Carbon 2 std ug/m3

0.377
0.216
0.193
0.259

Elemental Carbon 3 std ug/m3

0.003
0.005
0.003
0.037

Elemental Carbon by TOR std ug/m³ Elemental Carbon by TOT std ug/m³

1.689	1.51
1.249	1.162
2.947	2.906
4.353	3.884

Organic Carbon 1 std ug/m3

0.499
0.144
0.231
0.306

Organic Carbon 2 std ug/m3

1.077
0.571
0.765
0.951

Organic Carbon 3 std ug/m3

1.441

0.827

1.071

1.101

Organic Carbon 4 std ug/m3

1.032

0.953

1.967

1.817

Organic Carbon by TOR std ug/m3

4.173
2.672
4.265
4.8

Organic Carbon by TOT std ug/m3

4.352
2.758
4.305
5.269

Pyrolysis Carbon by LRC std ug/m3

0.124
0.177
0.23
0.625

Pyrolysis Carbon by LTC std ug/m3

0.303
0.263
0.271
1.094

Total Carbon std ug/m3

5.861

3.921

7.211

9.153

Sample Date South	Silver std ug/m3	Arsenic std ug/m3	Barium std ug/m3
2/19/2014	0	0	0.012
2/22/2014	0	0	0.007
3/1/2014	0	0	0.006

Cadmium std ug/m3	Chromium std ug/m3	Copper std ug/m3	Iron std ug/m3	Manganese std ug/m3
0	0.016	0.011	0.643	0.045
0	0.013	0.004	0.212	0.01
0	0.014	0.003	0.991	0.041

Nickel std ug/m3	Lead std ug/m3	Selenium std ug/m3	Vanadium std ug/m3	Zinc std ug/m3
0.006	0.013	0.002	0.002	0.361
0.002	0.001	0	0.001	0.013
0.006	0.004	0.002	0.001	0.037

Gravimetric PM10 Concentration std ug/m3

29.6

14.6

63.9

Elemental Carbon 1 std ug/m3

2.727

2.407

5.686

Elemental Carbon 2 std ug/m3

0.24
0.267
0.895

Elemental Carbon 3 std ug/m3

0.006
0.016
0.129

Elemental Carbon by TOR std ug/m³ Elemental Carbon by TOT std ug/m³

2.836	2.494
2.442	2.236
6.515	5.966

Organic Carbon 1 std ug/m3

0.804
0.364
0.273

Organic Carbon 2 std ug/m3

1.26
1.081
1.054

Organic Carbon 3 std ug/m3

1.189
0.791
1.545

Organic Carbon 4 std ug/m3

0.775
0.847
4.216

Organic Carbon by TOR std ug/m3

4.165
3.33
7.283

Organic Carbon by TOT std ug/m3

4.508
3.536
7.832

Pyrolysis Carbon by LRC std ug/m3

0.138
0.247
0.194

Pyrolysis Carbon by LTC std ug/m3

0.48
0.453
0.744

Total Carbon std ug/m3

7.002

5.772

13.798

Sample Date	Sample date for 24 hour manual sample
Silver	Target list metal
Arsenic	Target list metal
Barium	Target list metal
Cadmium	Target list metal
Chromium	Target list metal
Copper	Target list metal
Iron	Target list metal
Manganese	Target list metal
Nickel	Target list metal
Lead	Target list metal
Selenium	Target list metal
Vanadium	Target list metal
Zinc	Target list metal
Gravimetric PM10 Concentration	PM10 mass, EPA std conditions, micrograms per cubic meter
Elemental Carbon 1	EC Peak 1 at 580 degree C
Elemental Carbon 2	EC Peak 2 at 740 degree C
Elemental Carbon 3	EC Peak 3 at 840 degree C
Elemental Carbon by TOR	EC by thermal optical reflectance
Elemental Carbon by TOT	EC by thermal optical transmittance
Organic Carbon 1	OC Peak 1 at 140 degree C
Organic Carbon 2	OC Peak 2 at 280 degree C
Organic Carbon 3	OC Peak 3 at 480 degree C
Organic Carbon 4	OC Peak 4 at 580 degree C
Organic Carbon by TOR	OC by thermal optical reflectance
Organic Carbon by TOT	OC by thermal optical transmittance
Pyrolysis Carbon by LRC	Pyrolysis carbon by laser reflectance correction
Pyrolysis Carbon by LTC	Pyrolysis carbon by laser transmittance correction
Total Carbon	Total carbon

All sample volume calculations based on EPA std conditions (760 mmHg, 298 K)